

Title (en)

VOICE WAKE-UP METHOD, ELECTRONIC DEVICE, WEARABLE DEVICE, AND SYSTEM

Title (de)

SPRACHAUFWECKVERFAHREN, ELEKTRONISCHE VORRICHTUNG, WEARABLE-VORRICHTUNG UND SYSTEM

Title (fr)

PROCÉDÉ DE RÉVEIL VOCAL, DISPOSITIF ÉLECTRONIQUE, DISPOSITIF HABITRONIQUE ET SYSTÈME

Publication

**EP 4156177 A4 20231206 (EN)**

Application

**EP 21824995 A 20210531**

Priority

- CN 202010550402 A 20200616
- CN 2021097124 W 20210531

Abstract (en)

[origin: EP4156177A1] A voice wake-up method, an electronic device, a wearable device, and a system. The system includes the electronic device and the wearable device. The electronic device communicates with the wearable device through a short-distance wireless connection, and the electronic device is configured to: collect a voice signal in an environment in which the electronic device is located; and when the voice signal meets a preset condition, send a query request to the wearable device, where the query request is used to request information indicating that a user is speaking. The wearable device is configured to send a query result to the electronic device, where the query result includes the information indicating that the user is speaking. The electronic device is further configured to: when it is determined, based on the information indicating that the user is speaking, that the user is speaking, enter a wake-up state. The system helps improve accuracy of performing voice wake-up by the electronic device.

IPC 8 full level

**G06F 3/16** (2006.01); **G06F 1/3203** (2019.01); **G06F 1/3231** (2019.01); **G10L 15/08** (2006.01); **G10L 15/22** (2006.01); **H04W 4/80** (2018.01); **G10L 17/00** (2013.01); **G10L 25/51** (2013.01)

CPC (source: CN EP US)

**G06F 1/3203** (2013.01 - EP); **G06F 1/3231** (2013.01 - EP); **G06F 3/167** (2013.01 - EP); **G10L 15/08** (2013.01 - US); **G10L 15/22** (2013.01 - EP); **G10L 17/04** (2013.01 - CN); **G10L 25/51** (2013.01 - CN); **H04W 4/80** (2018.02 - CN EP); **H04W 52/0254** (2013.01 - US); **H04W 52/0264** (2013.01 - US); **H04W 88/02** (2013.01 - CN); **G10L 17/00** (2013.01 - EP); **G10L 25/51** (2013.01 - EP)

Citation (search report)

- [X] US 2018061409 A1 20180301 - VALENTINE MATTHEW F [US], et al
- [A] WO 2019103841 A1 20190531 - BOSE CORP [US]
- [A] CN 106714023 A 20170524 - GUANGDONG XIAOTIANCAI TECHNOLOGY CO LTD
- See also references of WO 2021254131A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 4156177 A1 20230329**; **EP 4156177 A4 20231206**; CN 113823288 A 20211221; US 2023239800 A1 20230727; WO 2021254131 A1 20211223

DOCDB simple family (application)

**EP 21824995 A 20210531**; CN 202010550402 A 20200616; CN 2021097124 W 20210531; US 202118001961 A 20210531